

The overarching goals of our course is presented in the table below. For each of the three systems, we answer the 6 questions and do the 7th item.

	Water System	Calcium System	Carbon System
What is water (calcium, carbon)? Molecular to global scales			
Where is the water (calcium, carbon) and how long will it stay there?			
What are the processes that move and change water (carbon, calcium)?			
What are the principles that explain the processes?			
What is the evidence for claims that water (calcium, carbon) has moved and changed in the past?			
What is the evidence for claims that water (calcium, carbon) will undergo <u>particular</u> changes in the future?			
Evaluate options for responding to changes in the water (carbon, calcium) systems.			